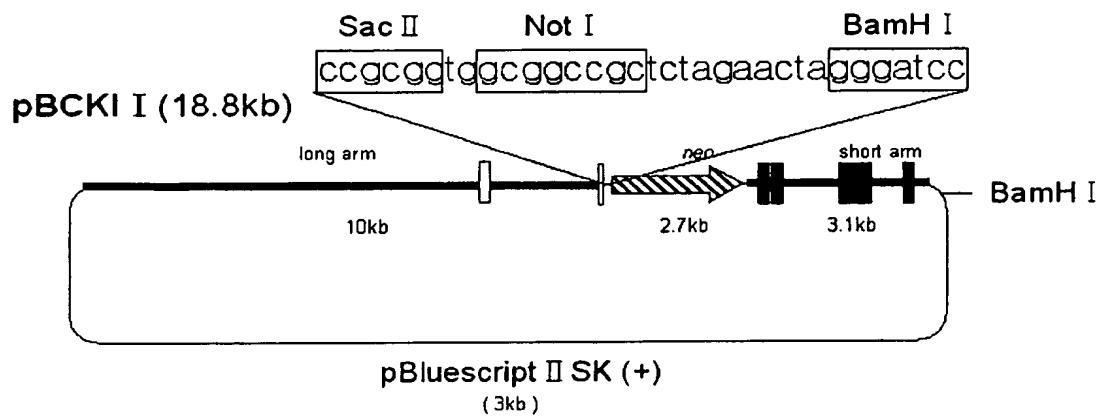
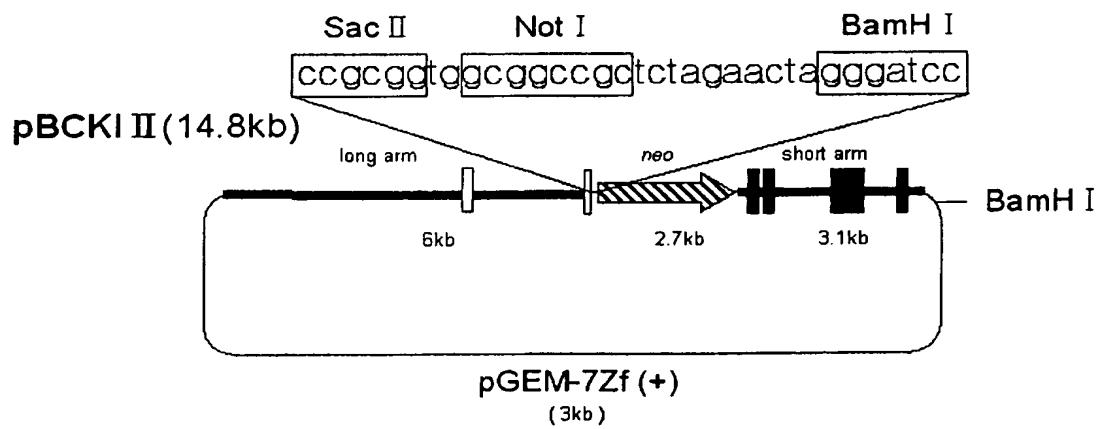
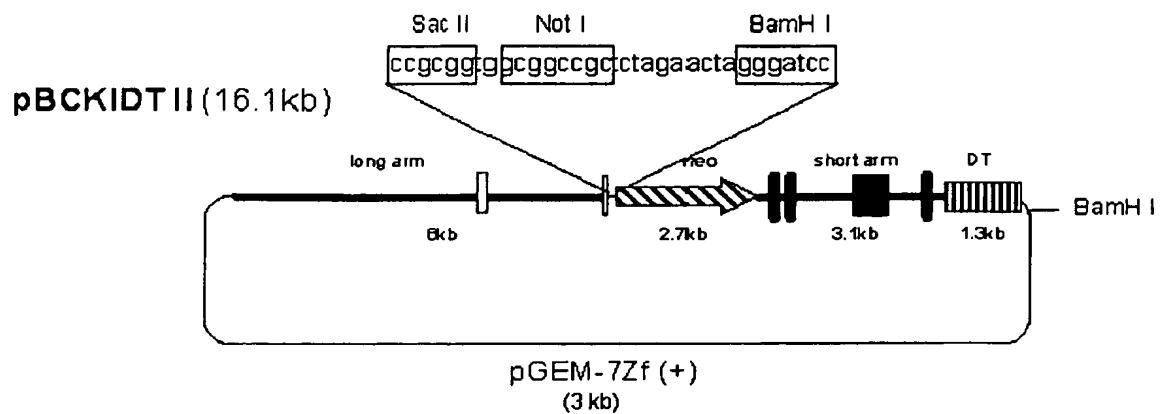
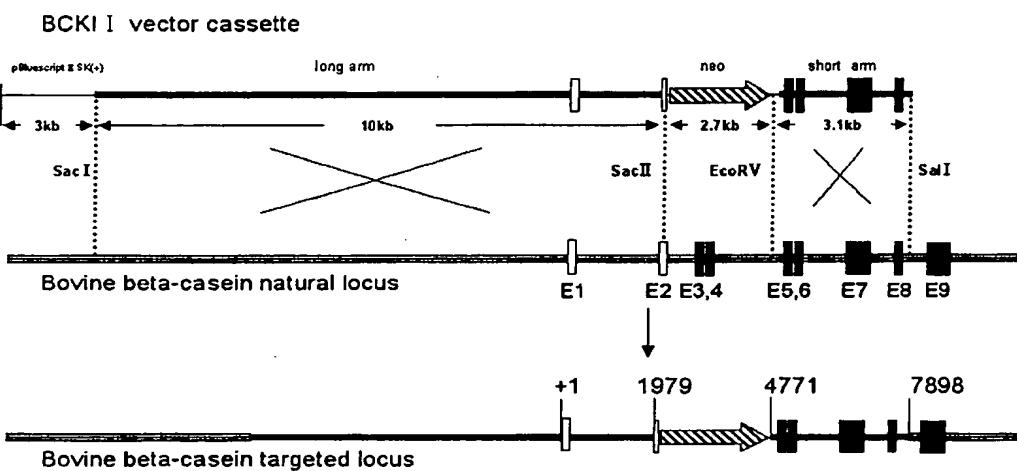


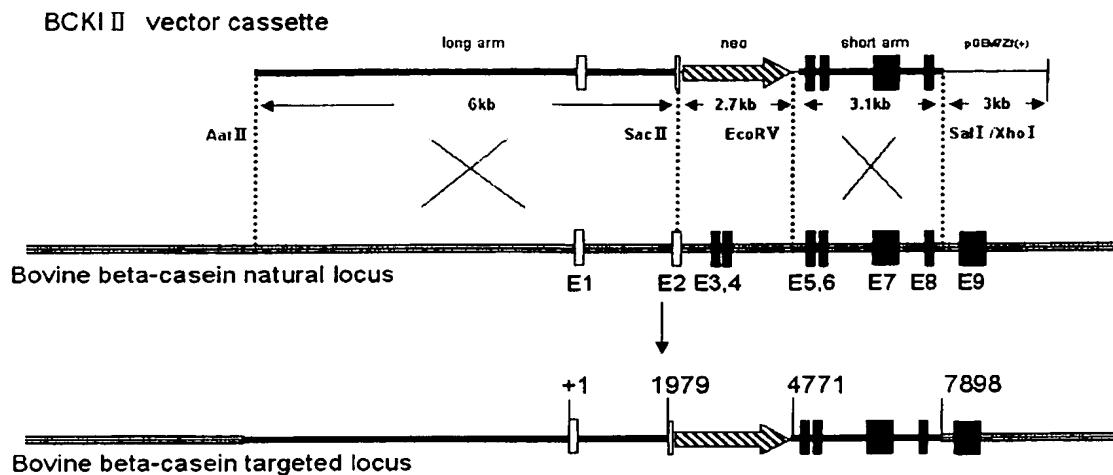
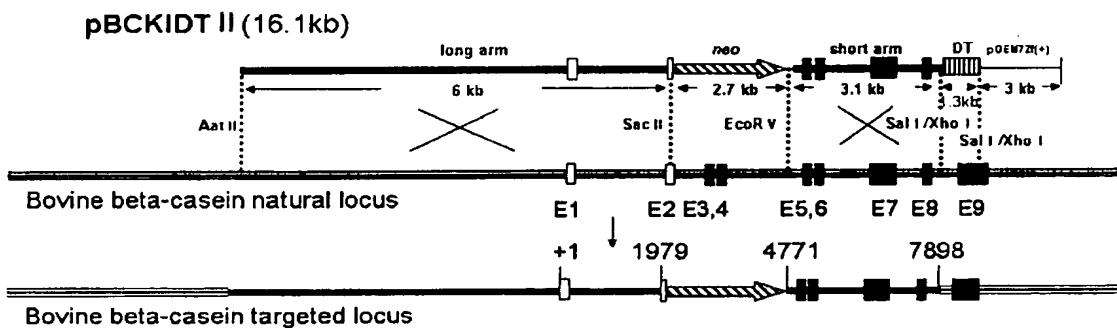
1/21

Fig. 1**Fig. 2**

2/21

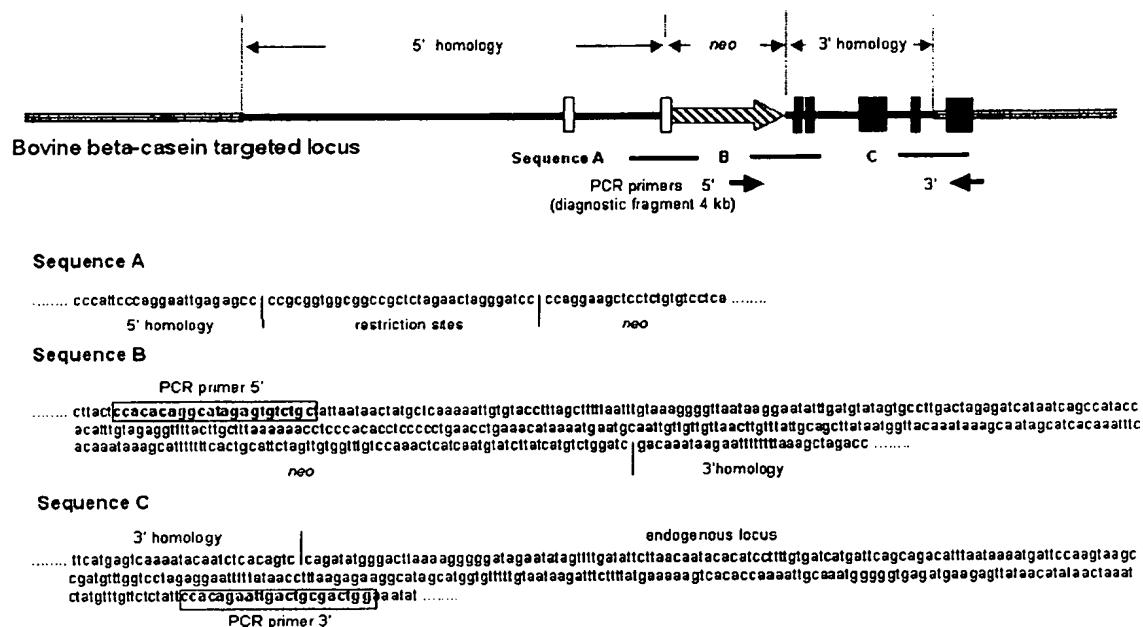
Fig. 3**Fig. 4**

3/21

Fig. 5**Fig. 6**

4/21

Fig. 7



5/21

Fig. 8

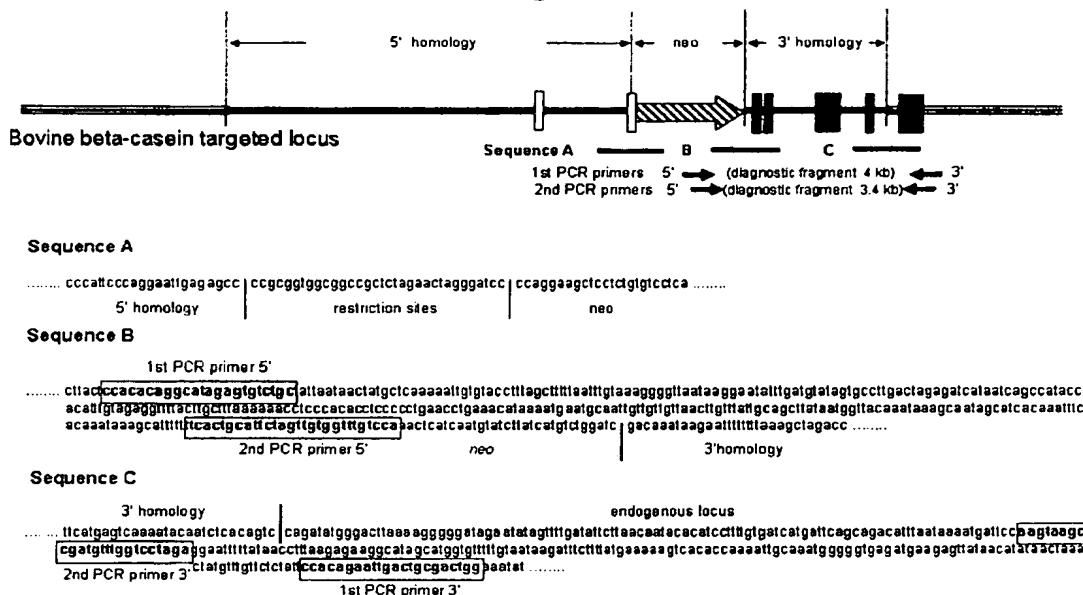
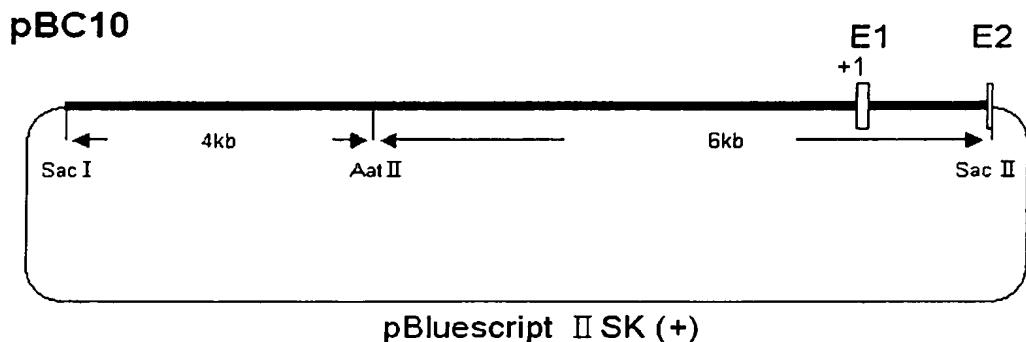
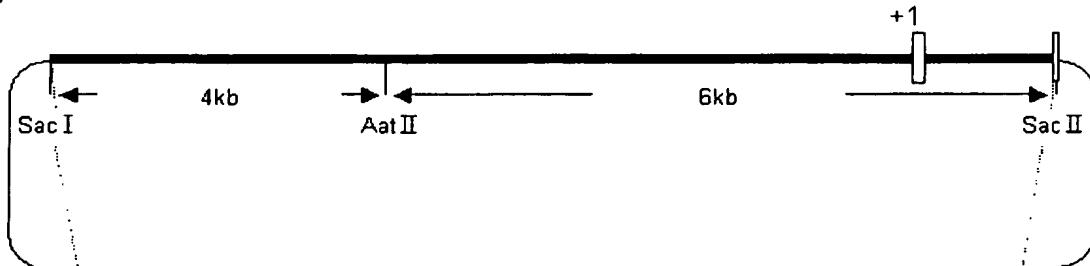
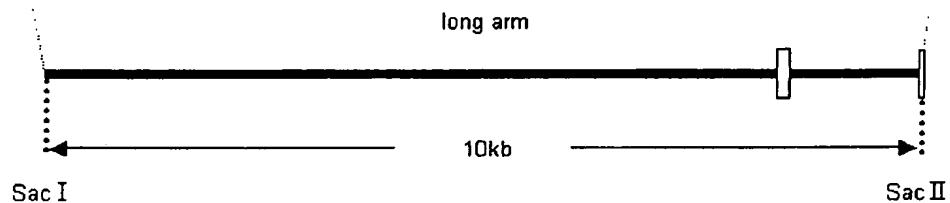


Fig. 9

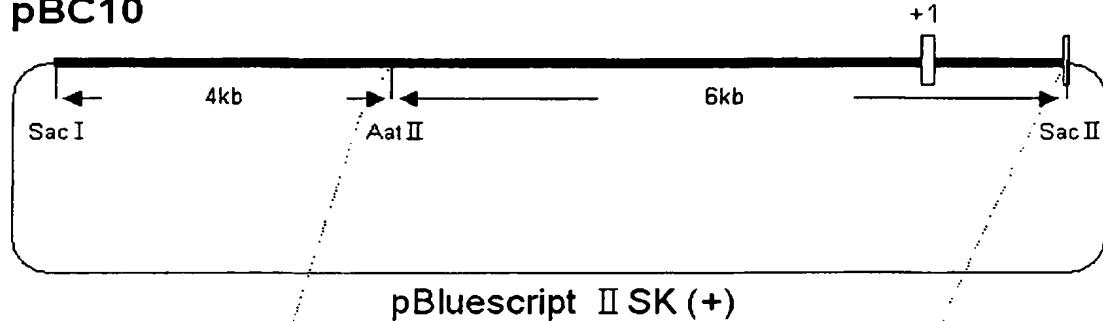
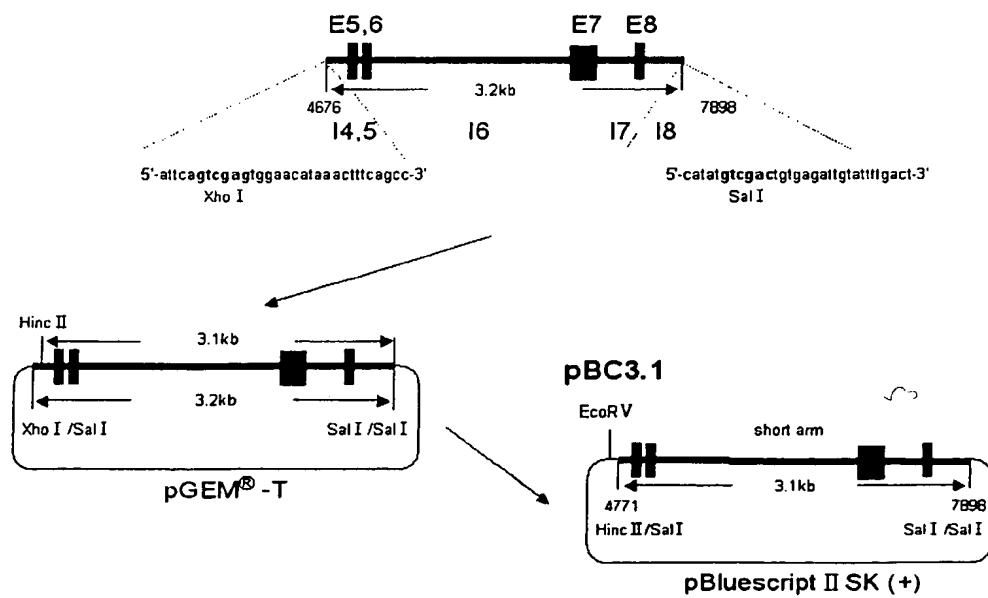


enzymes which do not cut the beta-casein gene locus in BC10 vector
Sma I , BamH I , Sal I , Spe I , Cla I

6/21

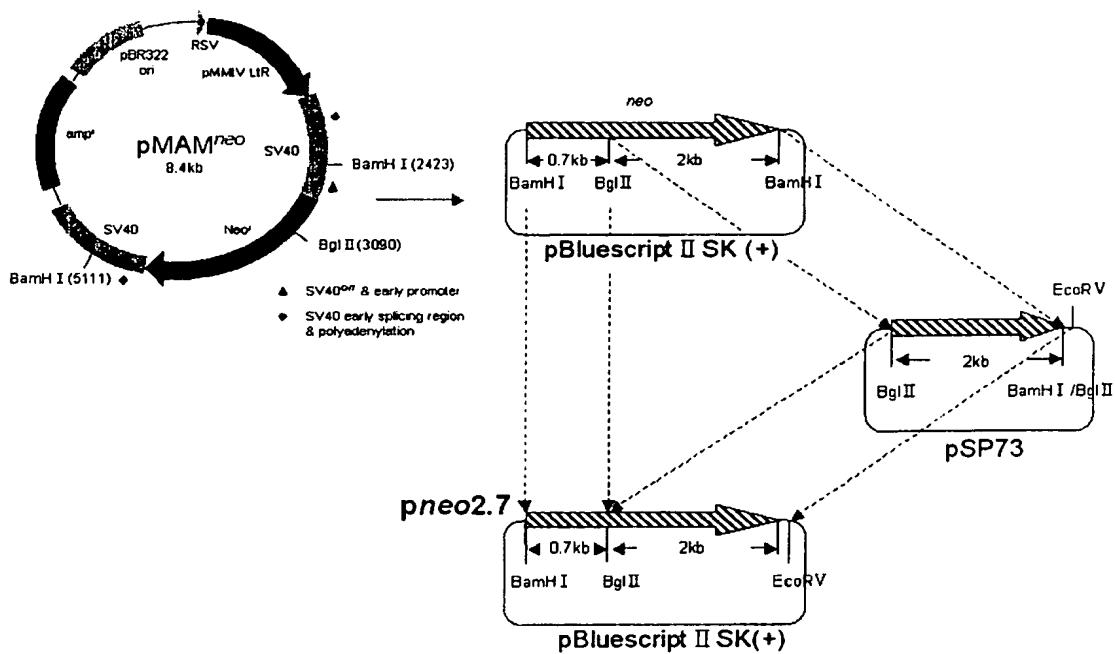
Fig. 10**pBC10****pBluescript II SK (+)**

7/21

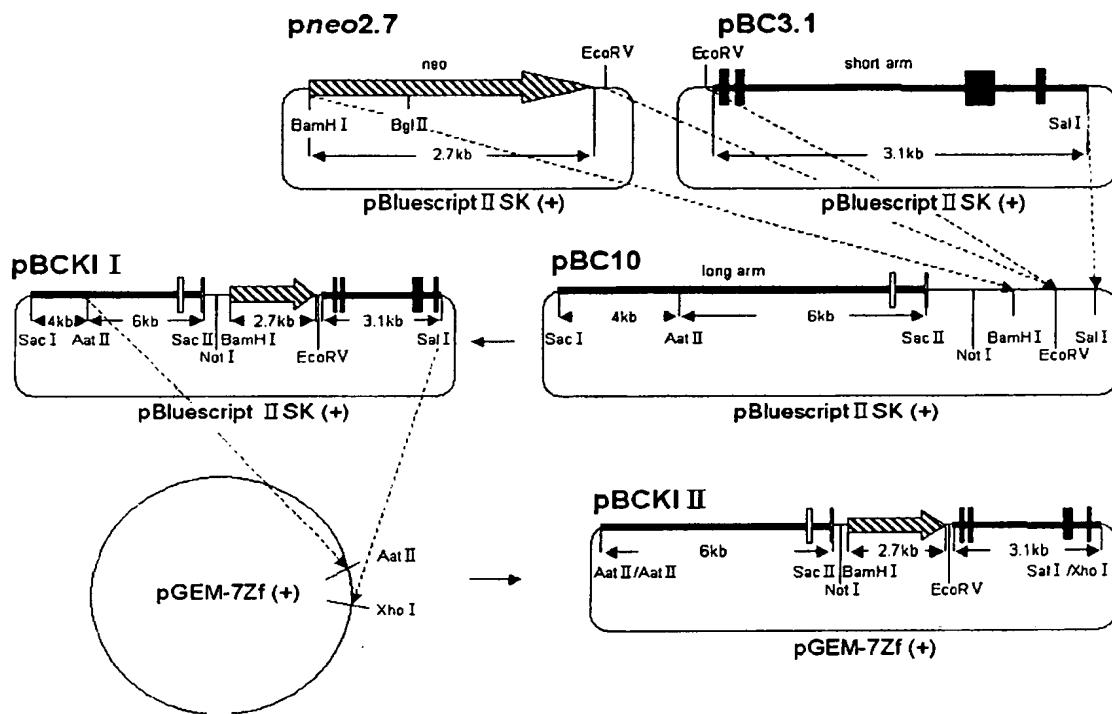
Fig. 11**pBC10****pBluescript II SK (+)****Fig. 12**

8/21

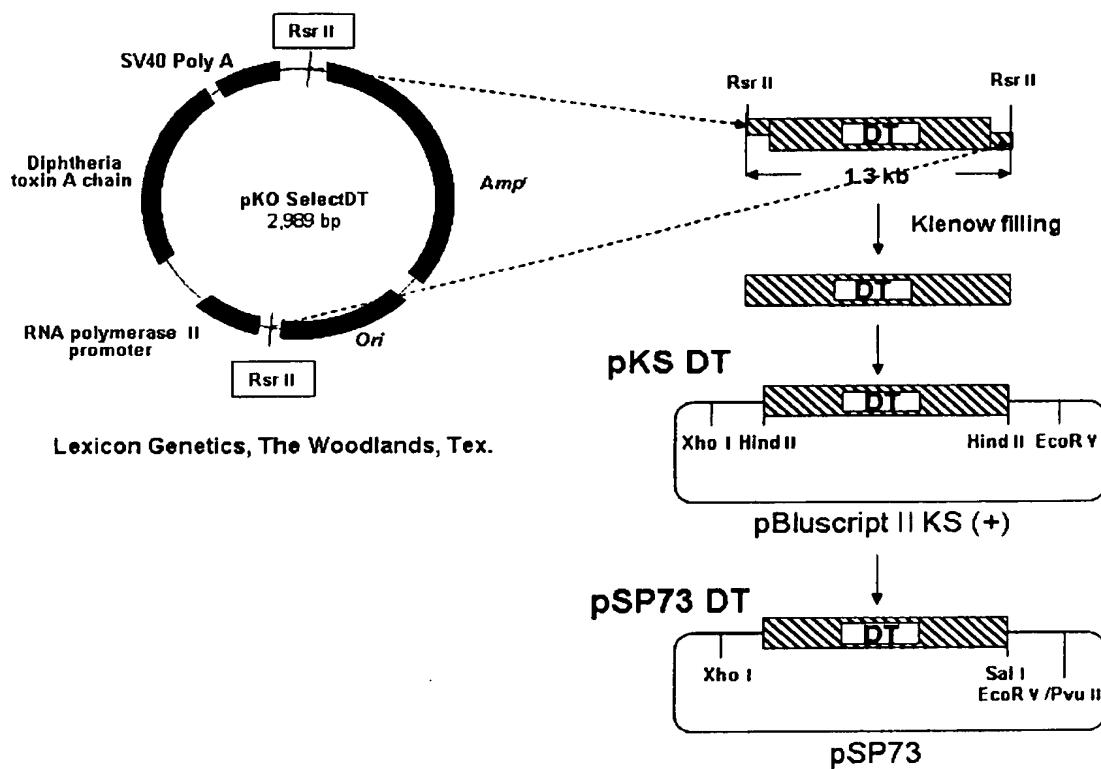
Fig. 13



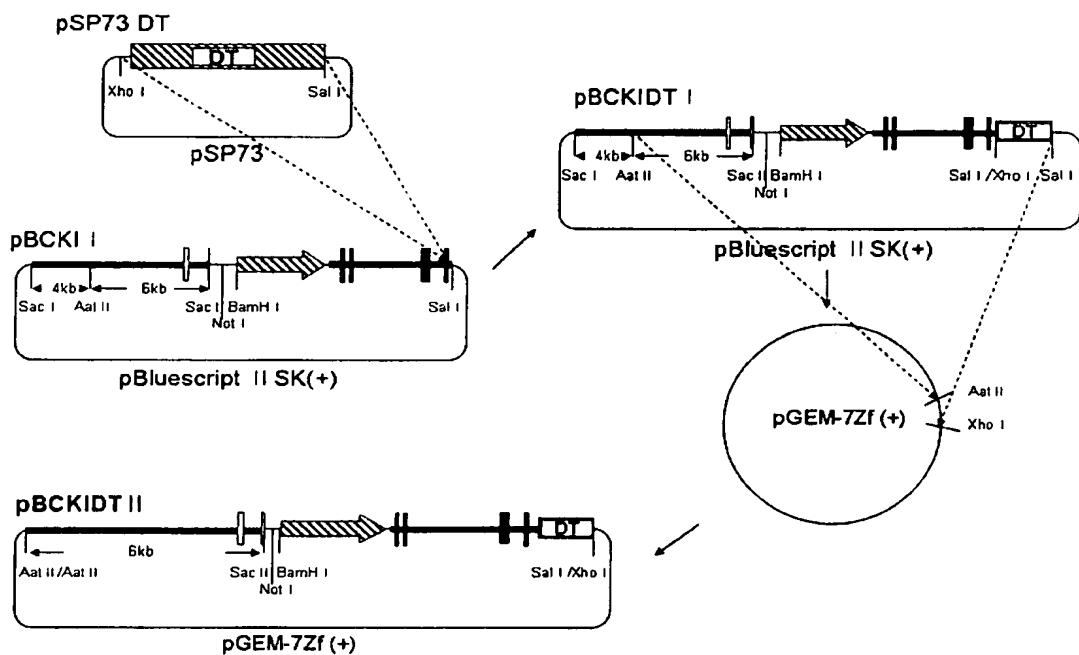
9/21

Fig. 14

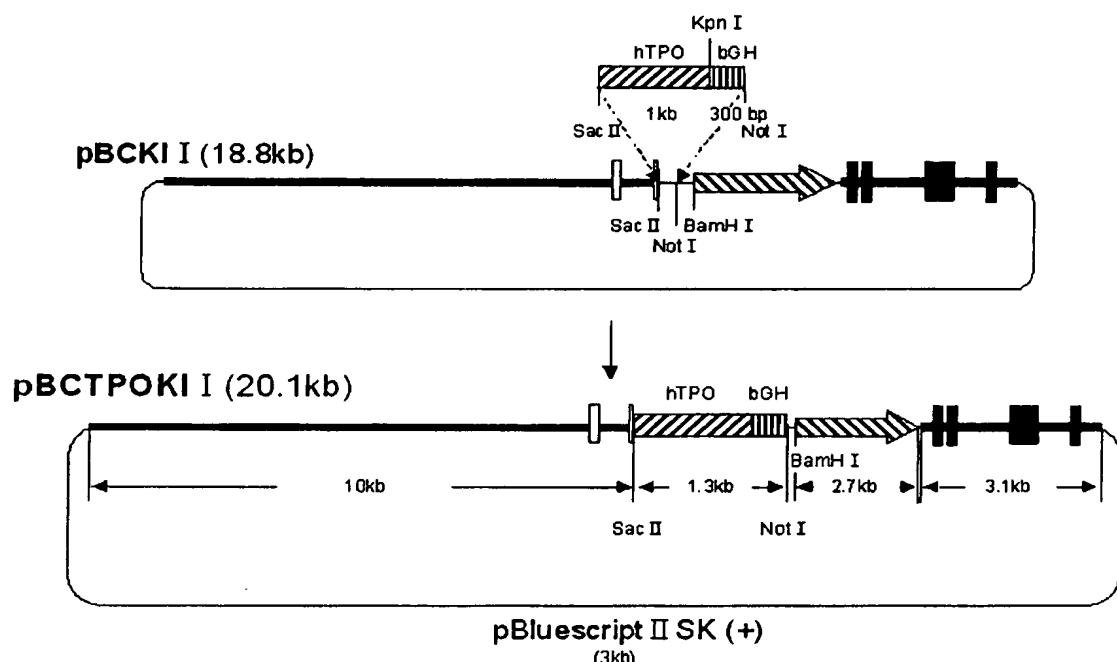
10/21

Fig. 15

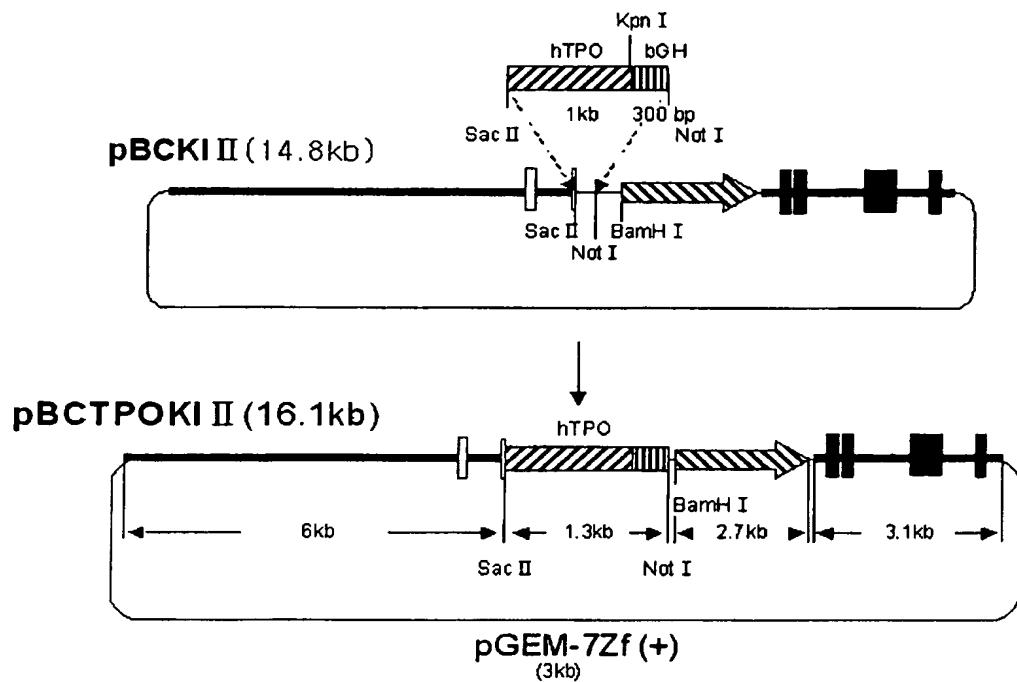
11/21

Fig. 16

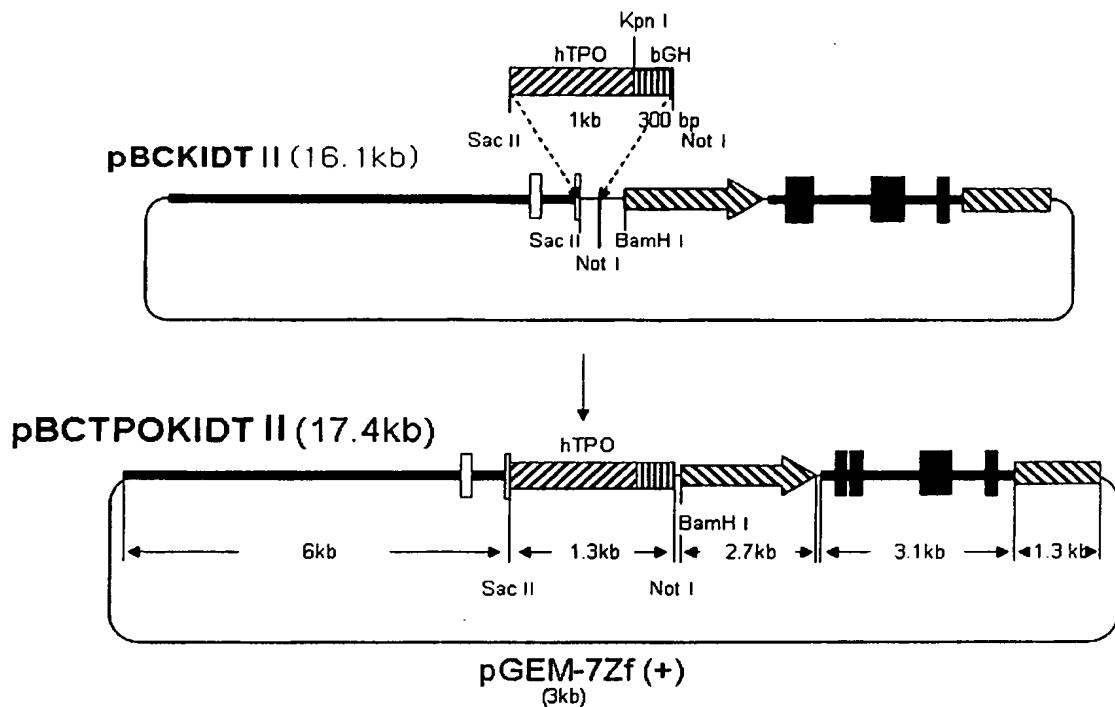
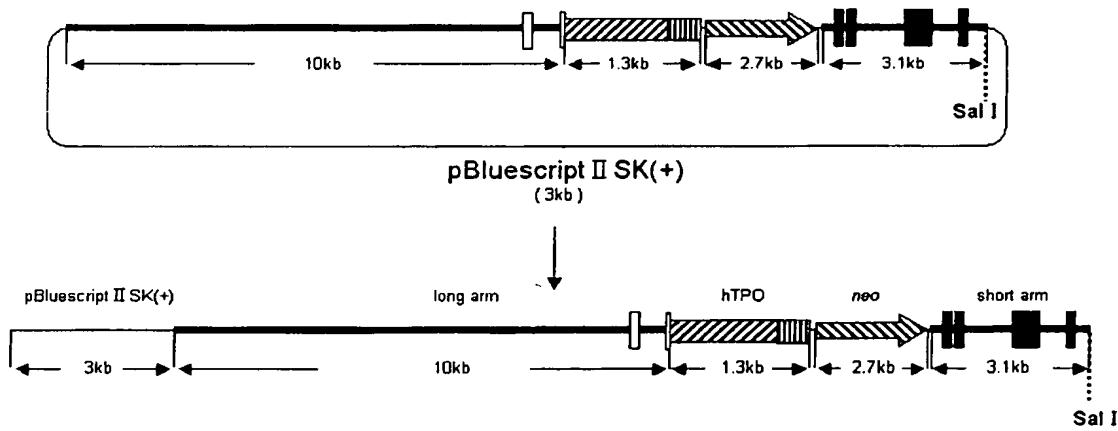
12/21

Fig. 17

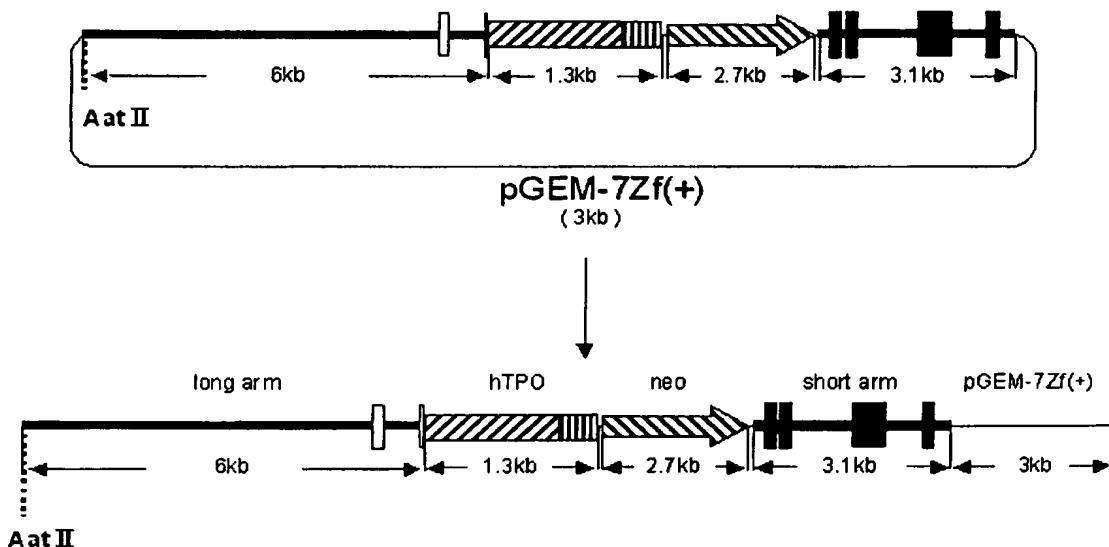
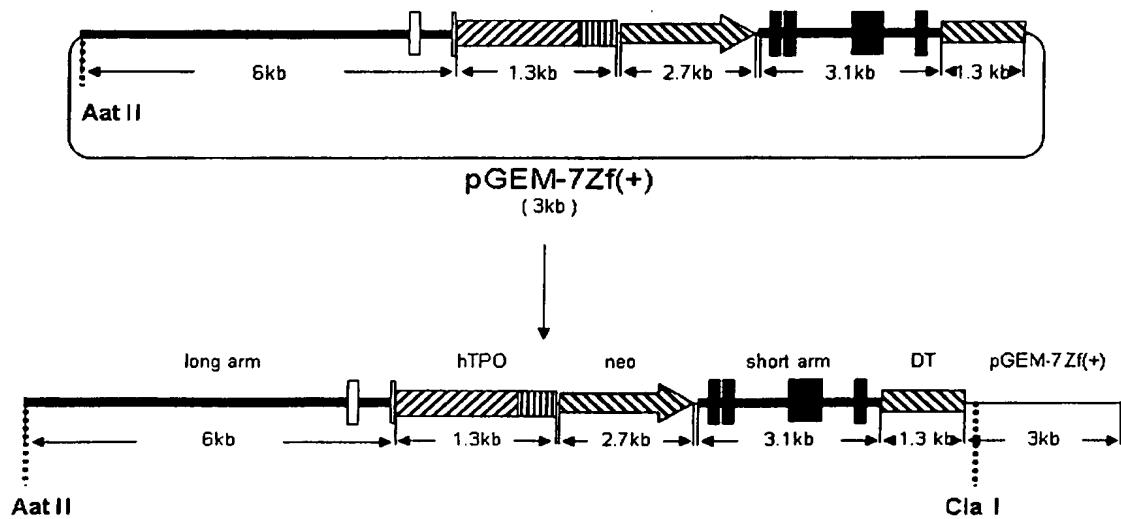
13/21

Fig. 18

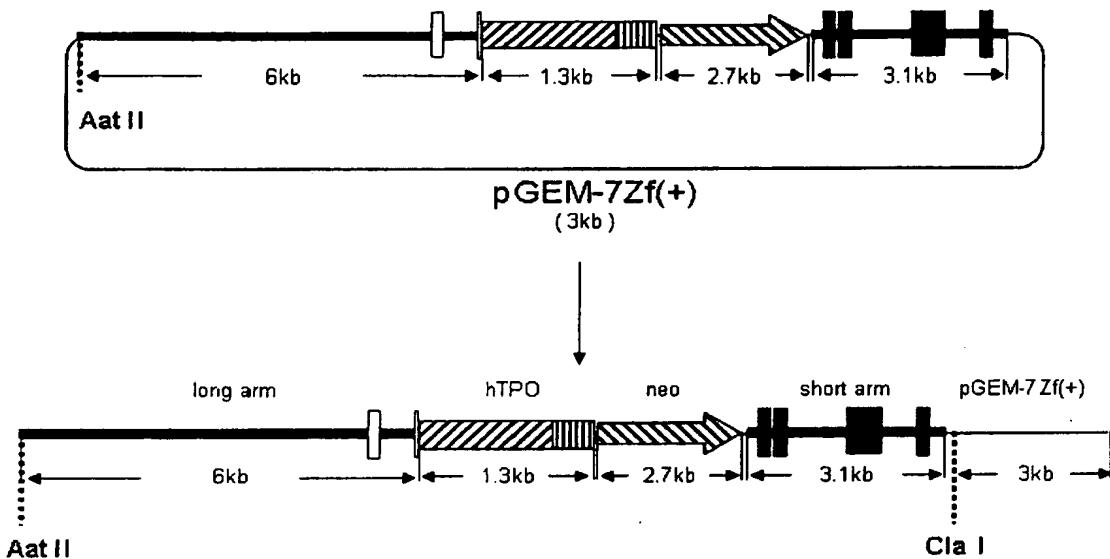
14/21

Fig. 19**Fig. 20****pBCTPOKI I**

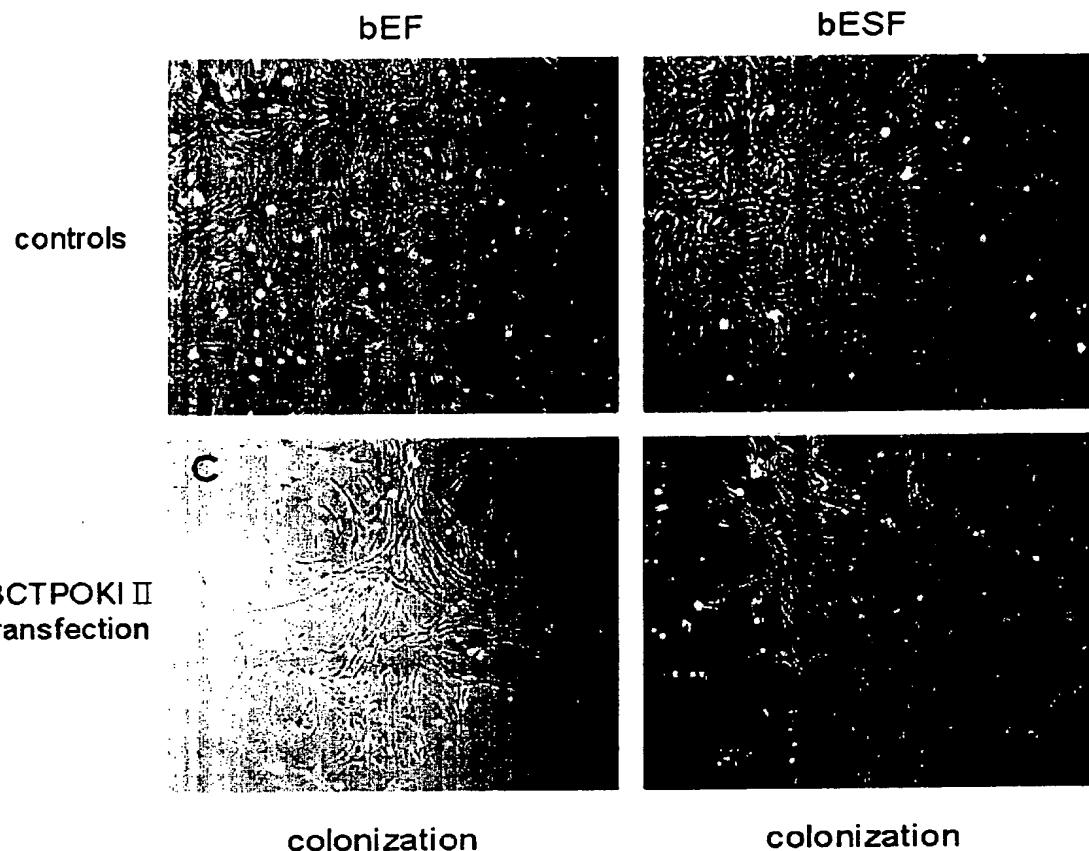
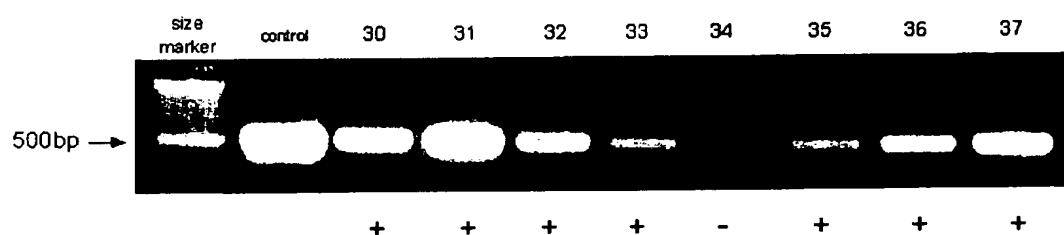
15/21

Fig. 21**pBCTPOKI II****Fig. 22****pBCTPOKIDT II**

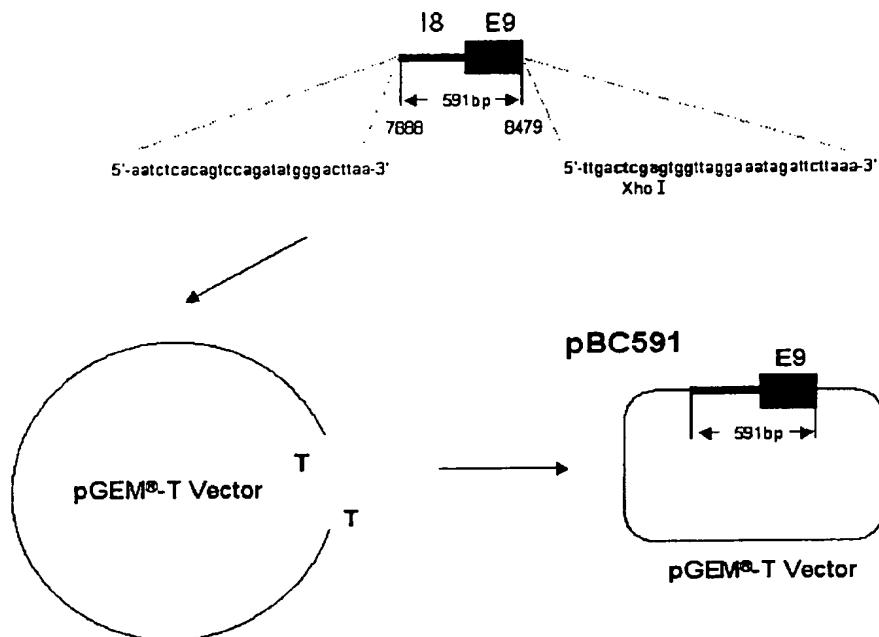
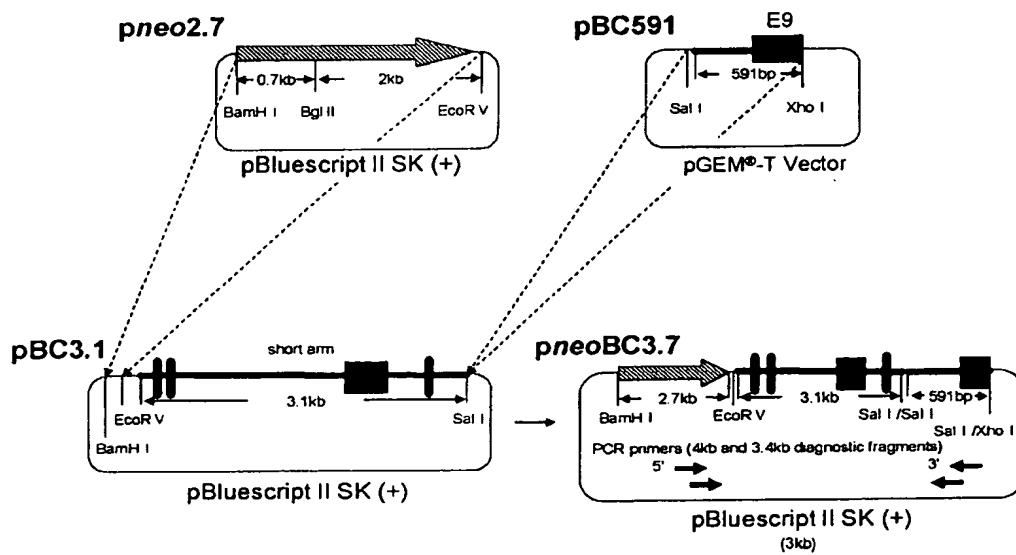
16/21

Fig. 23**pBCTPOKII II**

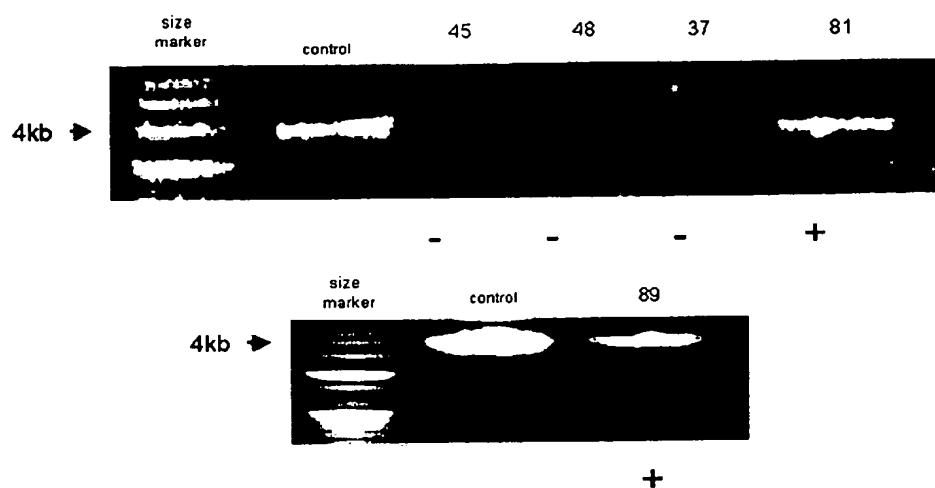
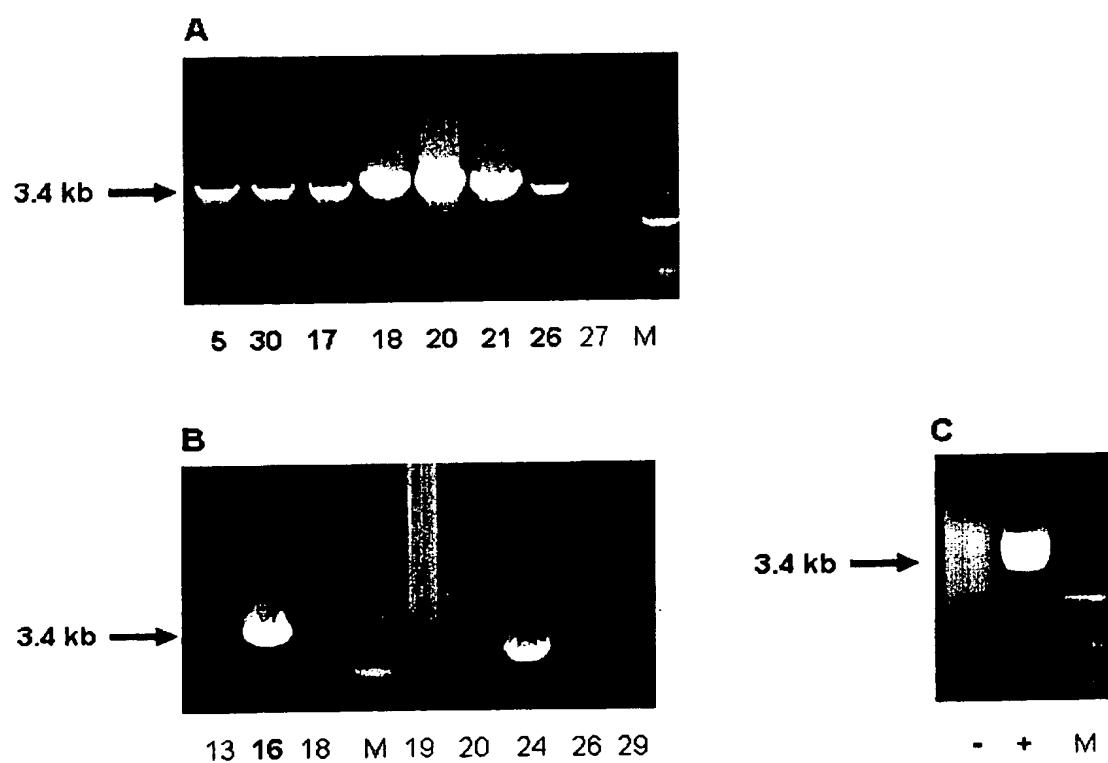
17/21

Fig. 24**Fig. 25**

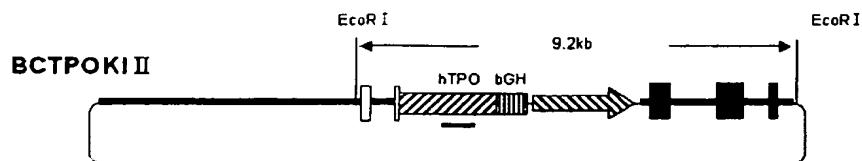
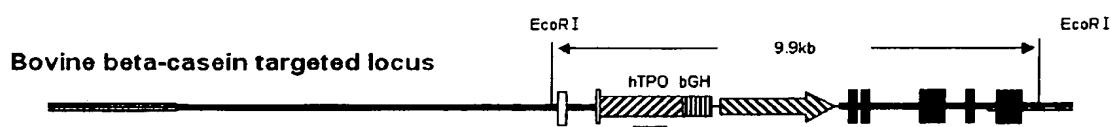
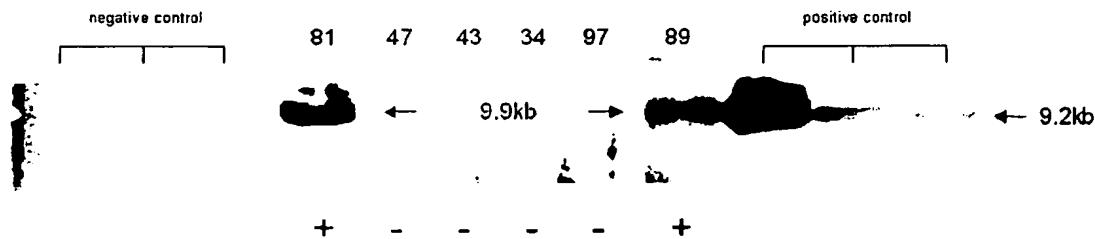
18/21

Fig. 26**Fig. 27**

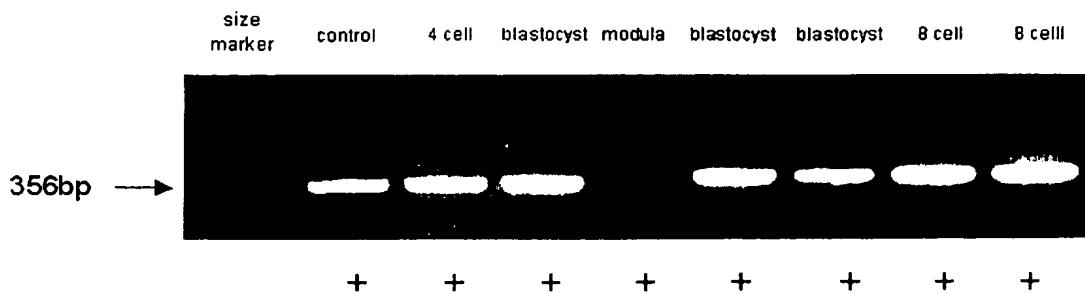
19/21

Fig. 28**Fig. 29**

20/21

Fig. 30**A****B****Fig. 31**

21/21

Fig. 32**Fig. 33**